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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1
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Complete if Known

Application Number	To be assigned 10/690,382
Filing Date	To be filed
First Named Inventor	S. Miyamae
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	26.0186 US

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Sisoy Yacob

Date Considered

05/12/06

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PTO/SB/08a (05-03)

Approved for use through 05/31/2003. OMB 0551-0001

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 1

Complete if Known

Application Number	10/690,382
Filing Date	October 21, 2003
First Named Inventor	S. Miyamae
Art Unit	2632
Examiner Name	Unknown
Attorney Docket Number	26.0186 US

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
S/Y		US- 4,355,310	10-19-1982	A. Belaigues, et al.	
		US- 4,718,011	01-05-1988	H.B. Patterson, Jr.	
		US- 5,331,318	07-19-1994	M.A. Montgomery	
		US- 5,959,547	09-28-1999	P. Tubel, et al.	
		US- 6,630,890	10-07-2003	T. Endo, et al.	
		US- 2002/0018399	02-14-2002	R.L. Schultz, et al.	
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FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
S/Y		GB 1,432,336	04-14-1976	Schlumberger Limited	

Examiner Signature	<i>Susay Yacob</i>	Date Considered	<i>05/12/06</i>
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